

Form PTO-948 Rev. 06/03
Application No. 101676827U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 10/21/03 are:

- A. as proved by the Draftsperson under 37 CFR 1.84 or 1.152.
- B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

- 1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings; Black ink or Color (3 sets required).
 - Color drawings are not acceptable until petition is granted. Fig(s) _____
 - Pencil and non black ink not permitted. Fig(s) _____
- 2. PHOTOGRAPHS.** 37 CFR 1.84(b)
 - One (1) full-tone set is required. Fig(s) _____
 - Photographs may not be mounted. 37 CFR 1.84(c)
 - Photographs must meet paper size requirements of 37 CFR 1.84(l). Fig(s) _____
 - Poor quality (half-tone). Fig(s) _____
- 3. TYPE OF PAPER.** 37 CFR 1.84(c)
 - Paper not flexible, strong, white, and durable. Fig(s) _____
 - Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____
- 4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:
 - 21.0 cm by 29.7 cm (DIN size A4) or 21.6 cm by 27.9 cm (8 1/2x 11 inches)
 - All drawing sheets not the same size. Sheet(s) _____
 - Drawing sheets not an acceptable size. Fig(s) _____
- 5. MARGINS.** 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 - Margin not acceptable. Fig(s) _____
 - Top (T) _____ Left (L) _____
 - Right (R) _____ Bottom (B) _____
- 6. VIEWS.** 37 CFR 1.84(h)

REMINDE: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification at the Brief Description of the Drawings, must likewise be changed.

 - Views not labeled separately or properly. Fig(s) _____
- 7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)
 - Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

- 8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)
 - Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
- 9. SCALE.** 37 CFR 1.84(k)
 - Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
- 10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)
 - Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 3 1 4 7 8 10 - 40
- 11. SHADING.** 37 CFR 1.84(m)
 - Solid black areas pale. Fig(s) 6 1 1 1
 - Solid black shading not permitted. Fig(s) 6 1 1 1
- 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)
 - Numbers and reference characters not plain and legible. Fig(s) 1 6 1 8
 - Figure legends are poor. Fig(s) 3 0
 - Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) 4 0
 - English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) 3 3
 - Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) 4 0
- 13. LEAD LINES.** 37 CFR 1.84(q)
 - Lead lines missing. Fig(s) _____
- 14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)
 - Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____
- 15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)
 - Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
- 16. DESIGN DRAWINGS.** 37 CFR 1.152
 - Surface shading shown not appropriate. Fig(s) _____
 - Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:

Reviewer A. D.

If you have questions, call (703) 305-8404.

Date 1/18/05

Attachment to Paper No. _____